

**TABLE H-1
SUMMARY OF SITES WITH CERCLA DECISION DOCUMENTS**

**FIVE YEAR REVIEW
DEVENS RESERVE FORCES TRAINING AREA
DEVENS, MASSACHUSETTS**

SITE I.D.	ENVIRONMENTAL CONCERNS	HISTORY\ ISSUES\ CURRENT STATUS
AOC 43A cont.		<p>ISSUES: <u>Soil-</u> Prevent direct and indirect contact, ingestion, and inhalation of the soil contaminated with COPCs by human and ecological receptors at levels that could pose risks. Prevent erosion and migration of soil contaminated with COPCs to storm sewers and surface water bodies. Prevent COPC migration to the groundwater at levels that could adversely affect human health and the environment. <u>Water-</u> Prevent off-site migration of COPCs at levels that could adversely affect flora and fauna. Prevent lateral and vertical migration of COPCs at levels that could adversely affect potential and existing drinking water supply aquifers. Prevent seepage of groundwater from the site that could result in surface water concentrations in excess of ambient water quality standards.</p> <p>CURRENT STATUS: Institutional controls will be implemented to prevent exposure to and extraction of groundwater from the site. These remedies are expected to be protective of human health and the environment; immediate threats have been addressed.</p>

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<p>AOC 43G</p> <p>HISTORIC GAS STATION SITE</p> <p>AAFES GAS STATION GROUP 2</p> <p>STATUS: Remedial Design/ Remedial Action</p> <p>RETAINED PARCEL</p>	<p>Gasoline and waste oil storage and distribution. Soil and groundwater contaminated with petroleum products and organic chemicals.</p> <p>Area 1: Historic Gas Station site</p> <p>Area 2: AAFES Gas Station (2) 10,000-gallon USTs and (1) 15,000-gallon UST, removed</p> <p>Area 3: AAFES Gas Station Sand and gas trap Former Waste Oil UST 1,000-gallon fuel oil UST</p>	<p>HISTORY: Redesignated as AOC based upon SSI results. SSI Data Package issued in February 1994. RI/FS will include releases from the UST's at the AAFES gas station. Initial Screening of Alternatives issued in August 1995. Final RI Report and Draft FS Report issued in February 1996. Final FS and Draft PP completed in June 1996. Time Critical Removal being conducted as part of Contaminated Soil Removal Various Sites Phase II. Final Proposed Plan released for public review 26 August 1996. Final Record of Decision October 17, 1996. Removal Action by Roy F. Weston complete and Closeout Report submitted to Corps of Engineers March 1997. Final Work Plan for Intrinsic Remediation Assessment was issued in April 1997. April 10, 1997, a data report was received for the soil analytical results: AOC 43G Area 2 Soil and Free Product Assessment Data Report-Intrinsic Remediation Assessment. On May 15, 1997, the Memorandum Modeling Work Plan (for) Intrinsic Remediation Assessment was issued. On May 20, 1997, contractors submitted a report of preliminary "hits only" groundwater data from the initial round of sampling in March. In June 1997, the Initial Groundwater Sampling Data Report was issued, as well as the Removal Action Report for 43G Gasoline USTs (Area 2), Sand and Gas Trap, and Fuel Oil UST (Area 3) issued on June 17, 1997. The Draft Baseline Intrinsic Remediation Assessment Report was received July 29, 1997. Issued in August 1997 was the Groundwater Sampling Data Report - Round 1, and in November was the Groundwater Sampling Data Report - Round 2 ;Groundwater Sampling Data Report-Round 3 issued in February 1998; 1997 Annual Report issued 1 Feb 98.The Groundwater Sampling Data Report-Round 4 was issued 1 May 1998. The Groundwater Sampling Data Report-Round 5 was issued 1 Aug 1998. The Groundwater Sampling Data Report-Round 6 was issued Oct 1998. The Groundwater Sampling Data Report-Round 7 was issued 1 Feb 1999. Draft Intrinsic Remediation Assessment Report, June 1999. Final Intrinsic Remediation Assessment Report was issued Nov 1999.</p>

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AOC 43G continued		<p>ISSUES: Although remediation goals (RGs) are provided for both organic and inorganic COCs, groundwater remediation at both sites focuses on organic contamination. This is based on the premise that the naturally occurring inorganic chemicals within the groundwater have become more soluble as a result of microbial induced oxidation-reduction processes. Removal of the organics will return the groundwater quality (oxygen content, oxidation-reduction potential [ORP], pH) to upgradient conditions resulting in less soluble inorganic fractions.</p> <p>The remedial action objectives pertaining to groundwater at AOC 43G are to:</p> <ul style="list-style-type: none"> • Protect potential commercial/industrial receptors located on Army Reserve Enclave property from exposure to groundwater having chemicals in excess of the following RGs: Iron (9,100 µg/L), manganese (291 µg/L), nickel (100 µg/L), benzene (5 µg/L), ethylbenzene (700 µg/L), and xylenes (10,000 µg/L). • Protect potential commercial/industrial receptors located off Army Reserve Enclave property from exposure to groundwater having chemicals in excess of the above RGs. <p>CURRENT STATUS: The most current document for AOC 43G is a five-year review issued September 2000. Although, an Intrinsic Remediation Assessment Report (SWETS, 1999a, 1999b), the final deliverable of the intrinsic remediation assessment, documents that Component 1 of the selected remedy which will effectively remediate groundwater at AOCs 43G and 43J. Through submission and approval of the Intrinsic Remediation Assessment Report, Components 2 and 3 of the selected remedy have been achieved. No contingency action is required at this time at either AOC.</p>

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AOC 43G continued		Current action consists of implementing the remaining components specified in the ROD: a long term groundwater monitoring program, annual reporting, and five-year site reviews (Component Nos. 4, 5, and 6, respectively). These components enable continued assessment for compliance with established performance standards and reporting of the remedial progress.
<p>AOC 43J</p> <p>HISTORIC GAS STATION SITE GROUP 2</p> <p>STATUS: Remedial Design/ Remedial Action</p> <p>RETAINED PARCEL</p>	Gasoline and waste oil storage and distribution. Soil and groundwater contaminated with petroleum products and organic chemicals.	<p>HISTORY: Redesignated as AOC based upon Supplemental Site Investigation results. SSI Data Package was issued in February 1994. RI/FS will include gasoline UST and nearby waste oil UST removed in 1992. Initial Screening of Alternatives issued in August 1995. Final RI Report and Draft FS Report issued in February 1996. Final FS and Draft PP completed in June 1996. Final Proposed Plan released for public review 26 August 1996. Final Record of Decision October 17, 1996. Removal Action by Roy F. Weston complete and Closeout Report underway, January 1997. Final Work Plan for Intrinsic Remediation Assessment was issued in April 1997. On May 15, 1997, the Memorandum Modeling Work Plan (for) Intrinsic Remediation Assessment was issued. On May 20, 1997, contractors submitted a report of preliminary "hits only" groundwater data from the initial round of sampling in March. In June 1997, the Initial Groundwater Sampling Data Report was issued. The Draft Baseline Intrinsic Remediation Assessment Report was received July 29, 1997. Issued in August 1997 was the Groundwater Sampling Data Report - Round 1, and in November was the Groundwater Sampling Data Report - Round 2.; Groundwater Sampling Data Report-Round 3 issued in February 1998; Annual Report 1997 Annual Report issued 1 Feb 98. The Groundwater Sampling Data Report-Round 4 was issued 1 May 1998. The Groundwater Sampling Data Report-Round 5 was issued 1 Aug 1998. The Groundwater Sampling Data Report-Round 6 was issued Oct 1998. The Groundwater Sampling Data Report-Round 7 was issued 1 Feb 1999. Draft Intrinsic Remediation Report June 1999. The Final Intrinsic Remediation Assessment Report Vol III of III App P, was issued in Nov 1999.</p>

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AOC 43J continued		<p>ISSUES: Although remediation goals (RGs) are provided for both organic and inorganic COCs, groundwater remediation at both sites focuses on organic contamination. This is based on the premise that the naturally occurring inorganic chemicals within the groundwater have become more soluble as a result of microbial induced oxidation-reduction processes. Removal of the organics will return the groundwater quality (oxygen content, oxidation-reduction potential [ORP], pH) to upgradient conditions resulting in less soluble inorganic fractions. The remedial action objectives pertaining to groundwater at AOC 43J are:</p> <ul style="list-style-type: none"> • Protect potential commercial/industrial receptors located on Army Reserve Enclave property from exposure to groundwater having chemicals in excess of the following RGs: iron (9,100 µg/L), manganese (291 µg/L), nickel (100 µg/L), benzene (5 µg/L), ethylbenzene (700 µg/L), and xylenes (10,000 µg/L). • Protect potential commercial/industrial receptors located off Army Reserve Enclave property from exposure to groundwater having chemicals in excess of the above RGs. <p>CURRENT STATUS: The most current document for AOC 43J is a five-year review issued September 2000. Although, an Intrinsic Remediation Assessment Report (SWETS, 1999a, 1999b), the final deliverable of the intrinsic remediation assessment, documents that Component 1 of the selected remedy which will effectively remediate groundwater at AOCs 43G and 43J. Through submission and approval of the Intrinsic Remediation Assessment Report, Components 2 and 3 of the selected remedy have been achieved. No contingency action is required at this time at either AOC.</p>
AOC 43J continued		<p>Current action consists of implementing the remaining components specified in the ROD: a long term groundwater monitoring program, annual reporting, and five-year site reviews (Component Nos. 4, 5, and 6, respectively). These components enable continued assessment for compliance with established performance standards and reporting of the remedial</p>

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<p>AOC 44</p> <p>CANNIBALIZATION YARD, BARNUM ROAD GROUP 3</p> <p>STATUS: Remedial Action Complete. GW Monitoring in Progress</p> <p>RETAINED PARCEL</p>	<p>Vehicle storage prior to disassembly for parts.</p> <p>Soil contaminated with petroleum products and organic chemicals.</p>	<p>HISTORY: Draft Remedial Design submittal 20 December 1994. Radiological Survey March 1995. ROD issued in March 1995. RD/RA Work Plan issued in June 1995, with the revised final issued in August 1995. Combined with AOC 52. Removal Complete December 1995. The EPA Delisting Inspection was conducted on 2 May 1996. The Remedial Action Completion Report was issued in June 1996. Contract Modification for Groundwater Monitoring, January 1997. Work Plan and Field Sampling and Analysis Plan for Groundwater Monitoring was issued March 1997. The PAH detection requirements were causing some problems for contractor Roy F. Weston in November, so they will use method 8310 in Spring, 1998. In December 1997, the contractor was revising the sampling plan for review by Corps of Engineers. The Revised Work Plan and Field Sampling and Analysis Plan Groundwater Monitoring for AOC 44 and 52 was issued in April 1998. Revised Sampling began in May 1998. The Annual Groundwater Sampling Report 1998 was issued in October 1998. The Annual Groundwater Sampling Report 1999, was issued in October 1999.</p>

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AOC 44 continued		<p><u>ISSUES:</u> Remedial action objectives (RAOs) for the selected cleanup remedy at AOC 44 is discussed below.</p> <ul style="list-style-type: none"> • Minimize direct contact/ingestion and inhalation with surface soils at the Maintenance Yards, which are estimated to exceed the USEPA Superfund target range of one in 10,000 to one in 1,000,000 excess cancer risk for carcinogens. • Reduce off-site run-off of contaminants that might result in concentrations in excess of ambient surface water quality standards and background concentrations in sediments. • Reduce or contain the source of contamination to minimize potential migration of contaminants of concern which might result in groundwater concentrations in excess of the federal drinking water Maximum Contaminant Levels (MCLs). <p><u>CURRENT STATUS:</u> The first five-year site review for AOC 44 was issued September 2000. Remediation and groundwater monitoring are complete. Groundwater sampling is complete. Other than standard operation and maintenance (O&M) requirements of the drainage system and oil/water separator there are no long term O&M needs to maintain the integrity of the remedial action. Restrictions pertaining to soils management and other deed restrictions are currently covered by the Installation Management Plan.</p>

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<p>AOC 50 WW II FUEL POINTS GROUP 6</p> <p>STATUS: RI/FS (GW/Soil) COE to operate soil vapor extraction system COE removal of UIS by Weston</p> <p>ROD LEASE PARCEL</p>	<p>Fuel storage. Soil and groundwater contaminated with petroleum products and tetrachloroethene (PCE).</p>	<p>HISTORY: Phase I Removal (3 USTs) completed in January 1993. Phase II Removal: Soil Vapor extraction system for tetrachloroethene installed in January 1994, removal ongoing. Phase III Site Investigation Data Package issued in July 1995. Final RI Work Plan issued in June 1996. Contaminated Soil Removal Phase II Drywell and Cesspool Removal - Action Memorandum and Field Sampling and Analysis Plan Addendum November 1996. Summary Report SVE Monitoring, November 1996. Removal Action complete and Closeout Report pending by Roy F. Weston, January 1997. Memorandum on Additional RI/FS Data Needs at AOC 50 distributed by ABB 7 February 1997. Risk Assessment Approach Plan issued 10 Feb 1997. In March 1997, work was underway to identify the extent of the PCE plume. Before the Draft RI report due in September 1997, a Summary of Remedial Investigation Findings was issued 16 Jul 1997. According to notes from the soil-removal contractor meeting on 15 July 1997, a closure report is done, and the Corps of Engineers is to assume operations of the soil vapor extraction system. July 18, 1997, the Revised Risk Assessment Approach Plan was issued. Roy F. Weston issued their Removal action Report on the Drywell, Cesspool, and Fuel Oil UST Removals, September 1997. The Draft Remedial Investigation Report was issued October 1997. The Draft Work Plan Supplemental Remedial Investigation Activities at AOC 50 was issued 1 September 1998. The Final Work Plan Supplemental Remedial Investigation Activities at AOC 50 was issued March 1999. The Review of Pump and Treat Groundwater Remediation Systems at SHLF & MAAF was issued 31 August 1999. The Draft Work Plan Pilot-Scale Evaluation of Hydrogen Release Compound (HRC) for Enhanced Natural Attenuation was issued in December 1999. The Final Remedial Investigation Report AOC 50 was issued in January 2000. The Draft Findings Report Benzene & Ethylene Dibromide Assessments at AOC 50, was issued in March 2000. The Preliminary Final Work Plan Pilot-Scale Evaluation of HRC for Enhanced In-Situ Bioremediation, was issued in April 2000.</p>

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AOC 50 continued		<p>The Final Work Plan Pilot-Scale Evaluation of HRC for Enhanced In-Situ Bioremediation at AOC 50 was issued in April 2000.</p> <p>ISSUES: Potable use of groundwater by commercial/industrial workers associated with future use. Unrestricted potable use of groundwater by area residents. Construction and use of residential dwellings over source area plume.</p> <p>CURRENT STATUS: Feasibility Study to be conducted for evaluation of alternatives to reduce potential human-health risks associated with groundwater.</p>
<p>AOC 52</p> <p>TDA MAINTENANCE YARD BARNUM ROAD GROUP 3</p> <p>STATUS: Remedial Action Complete GW Monitoring in progress</p> <p>RETAINED PARCEL</p>	<p>Vehicles with significant leaks stored for repairs. Soil contaminated with petroleum products and organic chemicals.</p>	<p>HISTORY: Draft RD submittal 20 DEC 1994. RAD Survey March 1995. ROD issued in March 1995. RD/RA Work Plan issued in June 1995, with the revised final issued in August 1995. Combined with AOC 52. Removal Complete December 1995. The EPA Delisting Inspection was conducted on 2 May 1996. The Remedial Action Completion Report was issued in June 1996. Contract Modification for Groundwater Monitoring, January 1997. The Work Plan and Field Sampling and Analysis Plan for Groundwater Monitoring was issued March 1997. The PAH detection requirements were causing some problems for contractor Roy F. Weston in November, so they will use method 8310 in Spring, 1998. In December 1997, the contractor was revising the sampling plan for review by Corps of Engineers. The Revised Work Plan and Field Sampling and Analysis Plan Groundwater Monitoring for AOC 44 and 52 was issued in April 1998. The Annual Groundwater Sampling Report 1999 was issued in October 1999.</p>

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AOC 52 continued		<p>ISSUES: Remedial action objectives (RAOs) for the selected cleanup remedy at AOC 52 are discussed below.</p> <ul style="list-style-type: none"> • Minimize direct contact/ingestion and inhalation with surface soils at the Maintenance Yards, which are estimated to exceed the USEPA Superfund target range of one in 10,000 to one in 1,000,000 excess cancer risk for carcinogens. • Reduce off-site run-off of contaminants that might result in concentrations in excess of ambient surface water quality standards and background concentrations in sediments. • Reduce or contain the source of contamination to minimize potential migration of contaminants of concern which might result in groundwater concentrations in excess of the federal drinking water Maximum Contaminant Levels (MCLs). <p>CURRENT STATUS: The first five-year site review for AOC 52 was issued September 2000. Remediation and groundwater monitoring are complete. Groundwater sampling is complete. Other than standard operation and maintenance (O&M) requirements of the drainage system and oil/water separator there are no long term O&M needs to maintain the integrity of the remedial action. Restrictions pertaining to soils management and other deed restrictions are currently covered by the Installation Management Plan.</p>

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<p>AOC 57</p> <p>BLDG 3713 FUEL OIL SPILL SITE GROUP 2</p> <p>STATUS: RI/FS</p> <p>ROD LEASE PARCEL</p>	<p>Fuel storage. Soil contaminated with petroleum products and organic chemicals.</p> <p>Area 1 Fuel Oil Spill Site</p> <p>Area 2 Suspected Crankcase Oil Spill Site</p> <p>Area 3: Historic Garage Waste Disposal Site</p>	<p>HISTORY: Interim Removal Action completed in October 1994. RI field work in progress. AOC status. Final Task Order Work Plan issued in February 1996. Final RI Work Plan Addendum issued in August 1996. Storm Drain System No. 6 Outfall - Action Memorandum, and Field Sampling and Analysis Plan Addendum, October 1996. Draft Remedial Investigation Report released March 1997. Note: Per BCT March 16, 1997 meeting notes, this schedule and action may change. Per soil-removal contractor meeting notes of 15 July 1997, they are preparing a cost proposal for Area 3, off Barnum Road. Draft RI/FS Supplemental Workplan for Areas 2 and 3 issued March 12, 1998. The Contaminated Soil Removal-Phase II-Removal Action Report Storm Drain No. 6 Outfall was, issued July 1, 1998. Action Memorandum (Contaminated Soil Removal) issued February 1999. The Draft Final Remedial Investigation Report was issued 1 October 1999. Draft RI/FS Letter Work Plan, Area 3, was issued 3 May 2000. The Final RI/FS Letter Work Plan, AOC 57 Area 3, was issued 1 June 2000. The Final Remedial Investigation Report was issued 1 June 2000. The Draft Focused Feasibility Study, was issued in June 2000. Ground Water Sampling results published by MADEP 20 July 2000.</p> <p>ISSUES: Area 1- No Further Action. Area 2- Protect human-health against contaminated soil exposure with regards to possible future use or unrestricted land use scenarios. Area 3- Protect human-health against contaminated groundwater exposure with regards to possible future use of unrestricted land use scenarios.</p> <p>CURRENT STATUS: Final Feasibility Study pending. Evaluation of alternatives to minimize human-health risks associated with exposure to residual contamination in soil and groundwater complete (Areas 2 and 3).</p>

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<p>SA 61Z</p> <p>HISTORICAL MOTOR POOL BLDG 202 GROUP 3, 5, 6</p> <p>STATUS: NFADD</p> <p>FUTURE TRANSFERRED LEASE PARCELS</p>	<p>Motor repair facility. 5,000G No. 2 fuel oil UST.</p> <p>Soil: Petroleum products in soil.</p> <p>Unpaved parking lot (UPPL), TPHC contamination.</p> <p>Groundwater: TPHC in Groundwater.</p>	<p>HISTORY: General: Drywell removed by OHM 1995. Final AREE 61 Report issued in September 1995 Recommendation: site evaluation. Final RI Work Plan issued in June 1996. Risk Assessment Approach Plan 10 Feb 1997. Draft Site Investigation Report issued March 1997. The February 1997 Risk Assessment Approach Plan for AOCs 61Z and 50 was revised and issued July 18, 1997, but appears to only affect AOC 50. At the BCT Meeting January 9, 1998, the BRAC Cleanup Team came to a consensus, changing AOC to SA and an NFA will be pending. Draft No Further Action July 1999. The Draft Final No Further Action Decision Document was published in October 1999. The Draft Final No Further Action Decision Document was published in December 1999. The Final No Further Action Decision Document was signed on January 26, 2000.</p> <p>Soil: Contaminated Soil Removal Phase II, Various Sites issued in February 1996. Time-critical removal Action Memorandum (Soil) issued in March 1996. The Soil Storage Inventory Report was issued in June 1996. The Draft Work Plan Soil Sampling Program Parcel 9-West Rail Area was Issued in May 2000.</p> <p>Ground Water: Draft RI/FS Groundwater (GW) Work Plan issued in March 1996. Notes from the March 1997 BCT meeting indicates that for the groundwater issue, the Army proposes a No Action Record of Decision by changing the Remedial Investigation into a Site Investigation, then recommending No Further Action with a Consensus Statement. Consensus Statement signed at 6 Jan 98 BCT Meeting changing GW from AOC to SA. The Final Site Investigation Report was issued Jan 1998.</p> <p>UST: 5000 gallon UST + 30 cubic yards of soil removed June 1996. Draft UST Closure Report October 29, 1996 Final UST Closure Report, Building 202 issued April 1997.</p> <p>UPPL: November 1996: Draft Unpaved Parking Lot (UPPL) Removal Site Evaluation Work Plan. January 1997: Roy F. Weston submitted UPPL evaluation. December 1997: Final UPPL evaluation to be done upon removal of soil stockpile.</p>
<p>SA 61Z continued</p>		<p>ISSUES: Soil and groundwater contamination</p> <p>CURRENT STATUS: No Further Action necessary</p>

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AOC 63 AM Previously Removed UST Building 618 STATUS: NFA RETAINED PARCEL		<u>HISTORY:</u> NFA DD signed by BCT 1 November 1995 <u>ISSUES:</u> Subsurface soil contamination <u>CURRENT STATUS:</u> No Further Action necessary.
AOC 63 AX Previously Removed UST Building 2517 STATUS: NFA/ROD TRANSFERRED PARCEL		<u>HISTORY:</u> NFA Record of Decision signed October 1997 <u>ISSUES:</u> Previous removal action removed USTs and contaminated soils. <u>CURRENT STATUS:</u> No Further Action chosen for site based on no unacceptable risks to human health or the environment.
AOC 63BD FORMER UST SITES BUILDING 1666 STATUS: NFA TRANSFERRED PARCELS		<u>HISTORY:</u> Consensus Statement NFA signed 28 January 1997. NFA DD signed by BCT 28 January 1997. DCC: Work Plan Groundwater Monitoring March 1997 <u>ISSUES:</u> Subsurface soil and groundwater contamination <u>CURRENT STATUS:</u> Soil removal action complete. Planned commercial reuse of property. No Further Action determined.

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AOC 63 BE Former UST Sites Building 2290 STATUS: NFA FUTURE TRANSFERRED LEASE PARCELS		<p><u>HISTORY:</u> Draft Phase III Site Investigation Report May 1996. Draft No Further Action May 1997. Draft No Further Action Mar 1998. NFA DD signed by BCT 6 May 1998. Final Signed NFADD received May 15, 1998</p> <p><u>CURRENT STATUS:</u> No Further Action necessary</p>
SA 63BH FORMER UST SITES BUILDING 2458 STATUS: NFA FUTURE TRANSFERRED LEASE PARCEL		<p><u>HISTORY:</u> NFA DD signed by BCT 4 January 1996</p> <p><u>CURRENT STATUS:</u> No Further Action necessary</p>

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<p>AREE 63BQ</p> <p>REMOVED UST, LUST BUILDING 2527</p> <p>STATUS: NFA</p> <p>FUTURE TRANSFERRED LEASE PARCEL</p>		<p><u>HISTORY:</u> NFA DD signed by BCT 7 August 1997</p> <p><u>ISSUES:</u> Contaminated subsurface soil.</p> <p><u>CURRENT STATUS:</u> Subsurface soils removed. No Further Action necessary.</p>

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AOC 69W BLDG 2151 ELEMENTARY SCHOOL GROUP 2 STATUS: LTM ROD LEASE PARCEL	Soil contaminated with TPHC and cPAHs. Groundwater contaminated with TPHC and TAL metals.	<p>HISTORY: SSE Data package issued October 1994. Final AREE 69 Report issued June 1995. Revised September 1995. Draft Task Order Work Plan AOC 69W issued July 1995. Final Task Order Work Plan issued in January 1996. Final Work Plan Addendum issued in August 1996. Draft Air Sampling Results, AOC 69W Fort Devens Elementary School November 1996. Risk Assessment Approach Plan, (for) Remedial Investigation Report, issued in January 1997. The Draft Remedial Investigation Report was issued May 1997. In July 1997, the Draft RI/FS Task Workplan Addendum for Supplemental Air Sampling was issued. As of July 17, 1997 the air sampling is to continue and Weston is preparing a cost proposal. In September 1997, Roy F. Weston issued their Draft Action Memorandum for Contaminated Soil Removal and time-critical removal action at this site. In October 1997, the Final Remedial Investigation/Feasibility Study Workplan Addendum for Supplemental Air Sampling was issued. The Analytical Approach for Groundwater Sampling was issued in November 1997. The Final Action Memorandum Contaminated Soil Removal-Phase II was issued in December 1997. Weston removed the UST, concrete box and clay piping in December 1997; work continues. The Draft Supplemental Air Sampling Report was issued in December 1997. The Draft Remedial Investigation Report was issued 1 April 1998. The Contaminated Soil Removal-Phase II Removal Action Report was issued in May 1998. The Final Remedial Investigation Report was issued in August 1998. The Draft Proposed Plan was issued in September 1998. The Draft Proposed Plan was issued in November 1998. The Final Proposed Plan was issued in April 1999. Record of Decision (unsigned); June 8, 1999. The Final Record of Decision was signed on June 24, 1999. The Draft Long Term Monitoring Plan was issued in October 1999. The Final Long Term Monitoring Plan, was issued March 1, 2000. The Semi-Annual Groundwater Analytical Data Report May 2000 was issued August 2000.</p>
AOC 69W continued		<p>ISSUES: Restore the aquifer to drinking water standards within reasonable time frame. Monitor potential future migration of groundwater contamination. Eliminate risk from potential consumption of groundwater. Reduce or eliminate the direct contact threat of post-removal-action contaminated soils.</p> <p>CURRENT STATUS: The selected remedy (Limited Action) at AOC 69W is protective, and is expected to remain protective, of human health and the environment. The Soil Removal Action has been performed and long-term groundwater monitoring has commenced.</p>

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SITE I.D.	ENVIRONMENTAL CONCERNS	HISTORY\ ISSUES\ CURRENT STATUS
<p>SA 71</p> <p>RAILROAD ROUNDHOUSE GROUP 1A</p> <p>STATUS: RI/FS, RA IN PROGRESS</p> <p>FUTURE TRANSFERRED LEASE PARCEL</p>	<p>Metals, petroleum in soils</p>	<p>HISTORY: Established as site 72 Spring 1995. SI Data Package Plow Shop Pond issued September 1994. SI Data Package Grove Pond issued February 1995. Draft Sediment Evaluation Report issued in October 1995. Action on this site is awaiting a decision on the PRP Study. EPA and MADEP Independent Study. Army notes the EPA as the lead agency in the PRP Study. Screening-Level Ecological Risk Assessment was published in April 1998. TRC Sediment Sampling Results Grove Pond issued May 1998. Health Consultation Evaluation of Health Concerns Associated with Drinking Water from Grove Pond Wells-ATSDR, July 1998. The Draft Health Consultation e Evaluation on Health Concerns Associated with Grove Pond and Plow Shop Pond was issued September 1998. The Surface Water and Sediment Sampling Report was issued November 25, 1998. The Final Health Consultation Evaluation on Health Concerns Associated with Grove Pond and Plow Shop Pond was issued December 1998. The Final Phase I Work Plan Grove Pond Arsenic Investigation was issued May 1999. The Draft Phase I Interim Data Report Grove Pond Arsenic Investigation was issued in April 1999 (received Oct 1999). The Final Phase II Work Plan Grove Pond Arsenic Investigation was issued in Sep 1999.</p> <p>ISSUES: Time critical removal of soils</p> <p>CURRENT STATUS: RA report in progress</p>

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1	SA	Cutler Army Hospital Incinerator	3654	NFA	Master Environmental Plan Update April 1993
2	SA	Veterinary Clinic Incinerator	1450	NFA	Master Environmental Plan Update April 1993
3	SA	Intelligence School Incinerator	1484	NFA	Master Environmental Plan Update April 1993
4	AOC	Sanitary Landfill Incinerator	38	LTM	Final ROD September 1995 Groundwater Model Update March 1996 Final Close-Out Report March 1996 Long Term Monitoring & Maintenance Plan May 1996 Final Monitoring Well Installation Work Plan May 1996 Groundwater Pumping Test (Final Work Plan & Final Site Safety and Health Plan) December 1996 Semi-Annual Groundwater Analytical Report, Fall 1996 Jan 97 Draft Groundwater Pumping Test Report March 1997 Addendum to Long Term Monitoring/Maintenance Plan Apr 97 Addendum to Shepley's Hill Landfill '96 Annual Report Apr 97 30% Concept Design Extraction/Discharge System July 1997 Semi-Annual Groundwater Analytical Rpt. Spring (July) 97 60% Design Extraction /Discharge System November 1997 Semi-Annual Groundwater Analytical Rpt Fall (Dec) 1997 Groundwater Pumping Test Report January 1998 Draft Five Year Review LTM, Feb 98 Semi-Annual Groundwater Analytical Rpt Spring (Jul) 1998 Final Five Year Review LTM, August 1998 Draft Work Plan Supplemental Groundwater Investigation Oct 1998. Final Work Plan Supplemental Groundwater Investigation Feb 99. Review of Pump and Treat GW Remediation Systems at SHLF & MAAF, 31 Aug 99. 1999 Annual Report, Long Term Monitoring & Maintenance, March 2000. Draft Suppl Groundwater Investigation, Jul 2000.

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5	AOC	Landfill No. 1, Shepley's Hill		LTM	<p>Final ROD September 1995 Groundwater Model Update March 1996 Final Close-Out Report March 1996 Long Term Monitoring & Maintenance Plan May 1996 Final Monitoring Well Installation Work Plan May 1996 Groundwater Pumping Test (Final Work Plan & Final Site Safety and Health Plan) December 1996 Semi-Annual Groundwater Analytical Report, Fall 1996 Jan 97 Draft Groundwater Pumping Test Report March 1997 Addendum to Long Term Monitoring/Maintenance Plan Apr 97 Addendum to Shepley's Hill Landfill '96 Annual Report Apr 97 30% Concept Design Extraction/Discharge System July 1997 Semi-Annual Groundwater Analytical Rpt Spring (July) 97 60% Design Extraction /Discharge System November 1997 Semi-Annual Groundwater Analytical Rpt Fall (Dec) 1997 Groundwater Pumping Test Report January 1998 Draft Five Year Review LTM, Feb 98 Semi-Annual Groundwater Analytical Rpt Spring (Jul) 1998 Final Five Year Review LTM, August 1998 Draft Work Plan Supplemental Groundwater Investigation Oct 1998. Final Work Plan Supplemental Groundwater Investigation Feb 99. 1998 Annual Report Long Term Monitoring & Maintenance, March 1999, Semi-Annual GW Analytical Report Spring 1999. Review of Pump and Treat GW Remediation Systems at SHLF & MAAF, 31 Aug 99. 1999 Annual Report, Long Term Monitoring & Maintenance, March 2000. Draft Suppl Groundwater Investigation, Jul 2000</p>

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Site	Type	Site Description	Building	Status	Source Document(s)
6	SA	Landfill No. 2, South Post Area 7b / Household Dump		Remedial Design/Remedial Action	Landfill Remediation Feasibility Study January 1997 Draft Proposed Plan for 6, 12, 13, 9, 11, 40, and 41 April 97 USEPA requests Landfill PP response compliance July 1997 Response to Comments-Landfill Remed. Proposed Plan 8/97 Draft Final Proposed Plan September 1997 Preliminary Final Proposed Plan October 1997 Proposed Plan December 1997 Proposed Plan for LFC Public Comments period ended 9 Mar 98 Preliminary Draft Proposed Plan Jul 1998 Draft Feasibility Study Addendum Report for SAs 6, 12, 13 and AOCs 9, 11, 40 & 41, Oct 1998. Draft Final Proposed Plan for SAs 6, 12, and 13 and AOCs 9, 11, 40, and 41, Nov 1998. Draft Final Proposed Plan for SAs 6, 12, and 13 and AOCs 9, 11, 40, and 41, Nov 1998. Landfill Remediation Feasibility Study Addendum Report, Nov 1998. Proposed Plan for SAs 6, 12, and 13 and AOCs 9, 11, 40, and 41., Nov 1998 Draft Record of Decision, Landfill Remediation Study SAs 6, 12, and 13 and AOCs 9, 11, 40 and 41, Mar 1999, 65% Draft Landfill Remediation Construction Specifications, Design Analysis and Technical Specifications for Landfill Consolidation Final Record of Decision Landfill Remediation, July 1999 95% Design for Landfill Consolidation, August 1999 Design Analysis Report for Consolidation Landfill, Oct 1999 Final Design Technical Specifications for Consolidation Landfill, Oct 1999. Final Design Technical Specifications for Offsite Disposal Alternative, Oct 1999. Draft Sampling and Analysis Plan, Landfill Remediation, January 2000. Draft Site Safety and Health Plan, Landfill Remediation Project, January 2000. Draft Contractor Quality Control Plan, Landfill Remediation Project, January 2000. Remedy Selection Report, On-Site versus Off-Site Disposal Options, Landfill Remediation Project, March 2000.
7	SA	Landfill No. 3, South Post Area (West of EOD) / Household Dump		NFA	Master Environmental Plan Update April 1993. BCT meeting 21 August 1995 site GB
8	SA	Landfill No. 4, South Post Area 8a / Household Dump		NFA	Master Environmental Plan Update April 1993. BCT meeting 21 August 1995 site ED

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Site	Type	Site Description	Building	Status	Source Document(s)
9	AOC	Landfill No. 5, North Post Landfill (WWTP) CNST Debris Landfill		Remedial Design/Remedial Action	<p>Landfill Remediation Feasibility Study January 1997 Draft Proposed Plan for 6, 12, 13, 9, 11, 40, and 41 April 97 USEPA requests Landfill PP response compliance July 1997 Response to Comments-Landfill Remed. Proposed Plan 8/97 Supplemental Groundwater Modeling, Groundwater Mounding Evaluation, Devens Wastewater Treatment Plant Rapid Infiltration Basins May 1997 Draft Final Proposed Plan September 1997 Preliminary Final Proposed Plan October 1997 Proposed Plan December 1997 Proposed Plan for LFC Public Comments period ended 9 Mar 98 Landfill Remediation Test Pit Summary, Summary (AOCs 9 & 40 & SA 13) Apr 98 Preliminary Draft Proposed Plan Jul 1998. Draft Feasibility Study Addendum Report for SAs 6, 12, 13 and AOCs 9, 11, 40 & 41, Oct 1998. Draft Final Proposed Plan for SAs 6, 12, and 13 and AOCs 9, 11, 40, and 41, Nov 1998. Draft Final Proposed Plan for SAs 6, 12, and 13 and AOCs 9, 11, 40, and 41. Nov 1998. Landfill Remediation Feasibility Study Addendum Report, Nov 1998. Proposed Plan for SAs 6, 12, and 13 and AOCs 9, 11, 40, and 41. Nov 1998. Draft Record of Decision, Landfill Remediation Study SAs 6, 12, and 13 and AOCs 9, 11, 40 and 41, Mar 1999, 65% Draft Landfill Remediation Construction Specifications, Design Analysis and Technical Specifications for Landfill Consolidation Final Record of Decision Landfill Remediation, July 1999 95% Design for Landfill Consolidation, August 1999. Design Analysis Report for Consolidation Landfill, Oct 1999 Final Design Technical Specifications for Consolidation Landfill, Oct 1999. Final Design Technical Specifications for Offsite Disposal Alternative, Oct 1999. Hydrogeologic Study in Support of Proposed Consolidation Landfill Former Golf Course Driving Range, Dec 1999. Draft Sampling and Analysis Plan, Landfill Remediation, January 2000. Draft Site Safety and Health Plan, Landfill Remediation Project, January 2000</p>

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Site	Type	Site Description	Building	Status	Source Document(s)
9 cont	AOC	Landfill No. 5, North Post Landfill (WWTP) CNST Debris Landfill		Remedial Design/Remedial Action	Draft Contractor Quality Control Plan, Landfill Remediation Project, January 2000. Draft Work Plans-Sampling & Analysis Plan: Environmental Protection Plan & Excavation & Handling Plan, Landfill Remediation Project, Feb 2000. Remedy Selection Report, On-Site versus Off-Site Disposal Options, Landfill Remediation Project, March 2000.
10	SA	Landfill No. 6 (Shirley Gate) / CNST Debris Landfill		NFA	NFA DD signed by BCT January 1995

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Site	Type	Site Description	Building	Status	Source Document(s)
11	AOC	Landfill No. 7 / CNST Debris Landfill		Remedial Design/Remedial Action	<p>Landfill Remediation Feasibility Study January 1997 Draft Proposed Plan for 6, 12, 13, 9, 11, 40, and 41 April 97 USEPA requests Landfill PP response compliance July 1997 Response to Comments-Landfill Remed. Proposed Plan 8/97 Draft Final Proposed Plan September 1997 Preliminary Final Proposed Plan October 1997 Proposed Plan December 1997 Proposed Plan for LFC Public Comments period ended 9 Mar 98 Preliminary Draft Proposed Plan Jul 1998 . Draft Feasibility Study Addendum Report for SAs 6, 12, 13 and AOCs 9, 11, 40 & 41, Oct 1998. Draft Final Proposed Plan for SAs 6, 12, and 13 and AOCs 9, 11, 40, and 41, Nov 1998. Draft Final Proposed Plan for SAs 6, 12, and 13 and AOCs 9, 11, 40, and 41, Nov 1998. Landfill Remediation Feasibility Study Addendum Report, Nov 1998. Proposed Plan for SAs 6, 12, and 13 and AOCs 9, 11, 40, and 41, Nov 1998. Draft Record of Decision, Landfill Remediation Study SAs 6, 12, and 13 and AOCs 9, 11, 40 and 41, Mar 1999, 65% Landfill Remediation Construction Specifications, Design Analysis and Technical Specifications for Landfill Consolidation Final Record of Decision Landfill Remediation, July 1999 95% Design for Landfill Consolidation, August 1999. Design Analysis Report for Consolidation Landfill, Oct 1999 Final Design Technical Specifications for Consolidation Landfill, Oct 1999. Final Design Technical Specifications for Offsite Disposal Alternative, Oct 1999. Hydrogeologic Study in Support of Proposed Consolidation Landfill Former Golf Course Driving Range, Dec 1999. Draft Site Safety and Health Plan, Landfill Remediation Project, January 2000. Draft Contractor Quality Control Plan, Landfill Remediation Project, January 2000. Draft Work Plans-Sampling & Analysis Plan: Environmental Protection Plan & Excavation & Handling Plan, Landfill Remediation Project, Feb 2000. Remedy Selection Report, On-Site versus Off-Site Disposal Options, Landfill Remediation Project, March 2000.</p>

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Site	Type	Site Description	Building	Status	Source Document(s)
12	SA	Landfill No. 8, Combat Pistol Range / CNST Debris Landfill		Remedial Design/Remedial Action	Landfill Remediation Feasibility Study January 1997 Draft Proposed Plan for 6, 12, 13, 9, 11, 40, and 41 April 97 USEPA requests Landfill PP response compliance July 1997 Response to Comments-Landfill Remed. Proposed Plan 8/97 Draft Final Proposed Plan September 1997 Preliminary Final Proposed Plan October 1997 Proposed Plan December 1997 Proposed Plan for LFC Public Comments period ended 9 Mar 98 Preliminary Draft Proposed Plan Jul 1998 Draft Feasibility Study Addendum Report for SAs 6, 12, 13 and AOCs 9, 11, 40 & 41, Oct 1998. Draft Final Proposed Plan for SAs 6, 12, and 13 and AOCs 9, 11, 40, and 41, Nov 1998. Draft Final Proposed Plan for SAs 6, 12, and 13 and AOCs 9, 11, 40, and 41, Nov 1998. Landfill Remediation Feasibility Study Addendum Report, Nov 1998. Proposed Plan for SAs 6, 12, and 13 and AOCs 9, 11, 40, and 41, Nov 1998. Draft Record of Decision, Landfill Remediation Study SAs 6, 12, and 13 and AOCs 9, 11, 40 and 41, Mar 1999, 65% Draft Landfill Remediation Construction Specifications, Design Analysis and Technical Specifications for Landfill Consolidation Final Record of Decision Landfill Remediation, July 1999 95% Design for Landfill Consolidation, August 1999. Design Analysis Report for Consolidation Landfill, Oct 1999 Final Design Technical Specifications for Consolidation Landfill, Oct 1999. Final Design Technical Specifications for Offsite Disposal Alternative, Oct 1999. Hydrogeologic Study in Support of Proposed Consolidation Landfill Former Golf Course Driving Range, Dec 1999. Draft Sampling and Analysis Plan, Landfill Remediation, January 2000. Draft Site Safety and Health Plan, Landfill Remediation Project, January 2000. Draft Contractor Quality Control Plan, Landfill Remediation Project, January 2000. Draft Work Plans-Sampling & Analysis Plan: Environmental Protection Plan & Excavation & Handling Plan, Landfill Remediation Project, Feb 2000.
12 cont	SA	Landfill No. 8, Combat Pistol Range / CNST Debris Landfill		Remedial Design/Remedial Action	Remedy Selection Report, On-Site versus Off-Site Disposal Options, Landfill Remediation Project, March 2000

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13	SA	Landfill No. 9, Lake George St. Landfill / Open CNST Debris Landfill		Remedial Design/Remedial Action	<p>Landfill Remediation Feasibility Study January 1997 Draft Proposed Plan for 6, 12, 13, 9, 11, 40, and 41 April 97 USEPA requests Landfill PP response compliance July 1997 Response to Comments-Landfill Remed. Proposed Plan 8/97 Draft Final Proposed Plan September 1997 Preliminary Final Proposed Plan October 1997 Proposed Plan December 1997 Proposed Plan for LFC Public Comments period ended 9 Mar 98 Landfill Remediation Test Pit Summary, Summary (AOCs 9 & 40 & SA 13)Apr 98 Preliminary Draft Proposed Plan Jul 1998 . Draft Feasibility Study Addendum Report for SAs 6, 12, 13 and AOCs 9, 11, 40 & 41, Oct 1998. Draft Final Proposed Plan for SAs 6, 12, and 13 and AOCs 9, 11, 40, and 41, Nov 1998. Draft Final Proposed Plan for SAs 6, 12, and 13 and AOCs 9, 11, 40, and 41, Nov 1998. Landfill Remediation Feasibility Study Addendum Report, Nov 1998. Proposed Plan for SAs 6, 12, and 13 and AOCs 9, 11, 40, and 41, Nov 1998. Draft Record of Decision, Landfill Remediation Study SAs 6, 12, and 13 and AOCs 9, 11, 40 and 41, Mar 1999, 65% Draft Landfill Remediation Construction Specifications, Design Analysis and Technical Specifications for Landfill Consolidation Final Record of Decision Landfill Remediation, July 1999 95% Design for Landfill Consolidation, August 1999. Design Analysis Report for Consolidation Landfill, Oct 1999 Final Design Technical Specifications for Consolidation Landfill, Oct 1999. Final Design Technical Specifications for Offsite Disposal Alternative, Oct 1999. Hydrogeologic Study in Support of Proposed Consolidation Landfill Former Golf Course Driving Range, Dec 1999. Draft Sampling and Analysis Plan, Landfill Remediation, January 2000. Draft Site Safety and Health Plan, Landfill Remediation Project, January 2000. Draft Contractor Quality Control Plan, Landfill Remediation Project, January 2000. Draft Work Plans-Sampling & Analysis Plan: Environmental Protection Plan & Excavation & Handling Plan, Landfill Remediation Project, Feb 2000.</p>

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13 cont	SA	Landfill No. 9, Lake George St. Landfill / Open CNST Debris Landfill		Remedial Design/Remedial Action	Remedy Selection Report, On-Site versus Off-Site Disposal Options, Landfill Remediation Project, March 2000.
14	SA	Landfill No. 10 / Abandoned Quarry		NFA	NFA DD signed by BCT January 1995
15	SA	Landfill No. 11, Helipad / Old Disposal Pit		NFA	NFA DD signed by BCT September 1995
16	SA	Landfill No. 12, Shoppette Landfill		NFA	NFA DD signed by BCT January 1995
17	SA	Landfill No. 13, Little Mirror Lake		NFA	NFA DD signed by BCT 12 March 1997
18	AOC	Asbestos Cell, Shepley's Hill Landfill, Landfill No 1		LTM	Final ROD September 1995 Groundwater Model Update March 1996 Final Close-Out Report March 1996 Long Term Monitoring & Maintenance Plan May 1996 Final Monitoring Well Installation Work Plan May 1996 Groundwater Pumping Test (Final Work Plan & Final Site Safety and Health Plan) December 1996 Semi-Annual Groundwater Analytical Report, Fall 1996 Jan 97 Draft Groundwater Pumping Test Report March 1997 Addendum to Long Term Monitoring/Maintenance Plan Apr 97 Addendum to Shepley's Hill Landfill '96 Annual Report Apr 97 30% Concept Design Extraction/Discharge System July 1997 Semi-Annual Groundwater Analytical Rpt Spring (July) 97 60% Design Extraction /Discharge System November 1997 Semi-Annual Groundwater Analytical Rpt Fall (Dec) 1997 Groundwater Pumping Test Report January 1998 Draft Five Year Review LTM February 1998 Semi-Annual Groundwater Analytical Rpt Spring (Jul) 1998. Final Five Year Review LTM, August 1998 Draft Work Plan Supplemental Groundwater Investigation Oct 1998. Final Work Plan Supplemental Groundwater Investigation Feb 99. Review of Pump and Treat GW Remediation Systems at SHLF & MAAF, 31 Aug 99. 1999 Annual Report, Long Term Monitoring & Maintenance, March 2000. Draft Suppl Groundwater Investigation, Jul 2000
19	SA	Wastewater Treatment Plant / Imhoff Tank		NFA	NFA DD signed by BCT 2 November 1995 Hydrogeologic Evaluation for GW Discharge Permit, 6 Nov 98
20	SA	Rapid Infiltration Beds, WWTP		NFA	NFA DD signed by BCT 2 November 1995
21	SA	Sludge Drying Beds, WWTP		NFA	NFA DD signed by BCT 2 November 1995
22	SA	Hazardous Waste Storage Facility	1650	NFA, RCRA closure	Master Environmental Plan April 1992

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23	SA	Paper Recycling Center	1650	NFA	Master Environmental Plan April 1992
24	SA	Waste Explosive Storage Bunker	3644 (Bunker 187)	NFA	RCRA Closure Report for EOD Area, September 1994 USEPA Letter of Approval of Closure Report for Bunker 187 and the EOD Range, June 1996 NFA DD signed by Army and EPA March 1993
25	AOC	EOD Range		LTM	RCRA Closure Report for EOD Area, September 1994 USEPA Letter of Approval of Closure Report for Bunker 187 and the EOD Range, June 1996 Final Record of Decision July 1996 Final LTMP May 1997 Final Well Installation Work Plan May 1997 1997 GW Analytical Rpt, SPIA, 2/98. Annual Report 1997, SPIA LTM, August 1998 Ecological Sampling Work Plan SPIA, October 1998 Final Ecological Sampling Work Plan SPIA, March 1999 Final INRMP 1998-1002, Apr 1999. Annual Report 1998 Long Term Groundwater Monitoring and Ecological Surface Water/Sediment Sampling South Port Impact Area, September 1999 Annual Report 1999 SPIA Long Term Monitoring, July 2000
26	AOC	Zulu I and II Ranges		LTM	RCRA Closure Report for EOD Area, September 1994 USEPA Letter of Approval of Closure Report for Bunker 187 and the EOD Range, June 1996 Final Record of Decision July 1996 Final LTMP May 1997 Final Well Installation Work Plan May 1997 1997 GW Analytical Rpt, SPIA, 2/98. Annual Report 1997, SPIA LTM, August 1998 Ecological Sampling Work Plan SPIA, October 1998 Final Ecological Sampling Work Plan SPIA, March 1999 Final INRMP 1998-1002, Apr 1999. Annual Report 1998 Long Term Groundwater Monitoring and Ecological Surface Water/Sediment Sampling South Port Impact Area, September 1999. Annual Report 1999 SPIA Long Term Monitoring, July 2000

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